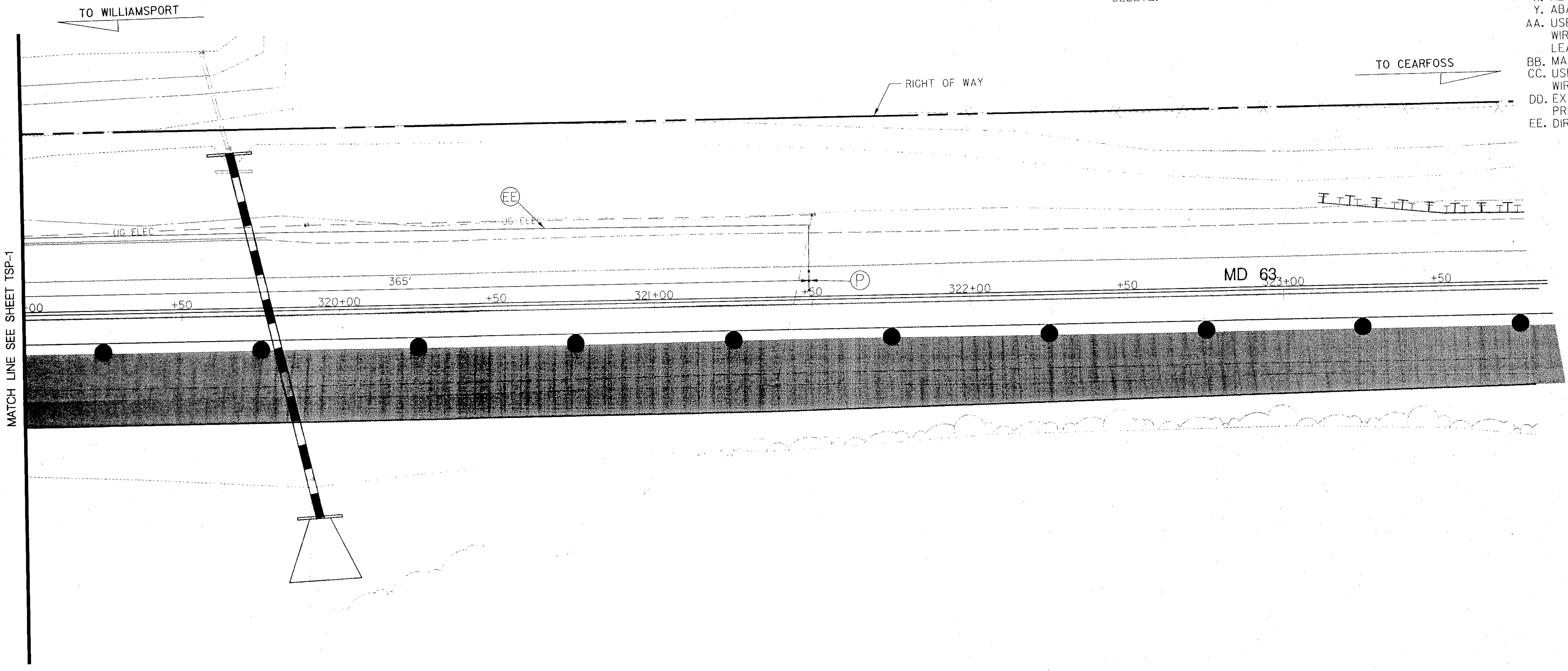
US 40 IS CONSIDERED TO RUN
IN AN EAST-WEST DIRECTION

CONSTRUCTION DETAILS

A. INSTALL 27 FT. STEEL POLE WITH 60 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHT ARM, AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE PVC CONDUIT BEND).
B. INSTALL 27 FT. STEEL POLE WITH 70 FT. MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, 20 FT. STREET LIGHT ARM, AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE WITH PHOTOCELL (NOTE: 1-3 IN. SCHEDULE 80, 90-DEGREE PVC CONDUIT BEND).
C. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
E. INSTALL NEMA SIZE "6" BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-3 IN. AND 2-4 IN. SCHEDULE 80, 90-DEGREE PVC CONDUIT BENDS).
F. INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
H. INSTALL HANDHOLE.
K. INSTALL 1 IN. ELECTRICAL CONDUIT- GALVANIZED SLEEVE.
L. INSTALL 2 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
M. INSTALL 4 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - SLOTTED.
N. INSTALL 3 IN. SCHEDULE 80 POLYVINYL CHLORIDE ELECTRICAL CONDUIT - TRENCHED.
P. INSTALL MICROLOOP PROBE SET.
R. REMOVE EXISTING SIGNAL POLE, SPAN WIRE, SIGNAL HEADS, LIGHTING ARMS, LUMINAIRES, AND SIGNS.
S. CAP AND ABANDON EXISTING CONDUIT.
T. REMOVE EXISTING SIGNAL POLE, SPAN WIRE, SIGNAL HEADS, LIGHTING ARMS, LUMINAIRES, SIGNS, AND POLE MOUNTED CABINET AND CONTROLLER.
W. PROPOSED UTILITY POLE FOR POWER AND TELEPHONE FEED. POLE NUMBER TO BE DETERMINED BY ALLEGHENY POWER COMPANY. INSTALL 2-3 IN. SCHEDULE 80, 90-DEGREE PVC CONDUIT BENDS AND 10 FEET OF CONDUIT RISERS FOR USE BY THE UTILITY COMPANIES.
X. REMOVE EXISTING HANDHOLE.
Y. ABANDON EXISTING LOOP DETECTOR.
AA. USE EXISTING HANDHOLE. CONNECT EXISTING LOOP WIRE AND DETECTOR LEAD-IN CABLE TO NEW DETECTOR LEAD-IN CABLE.
BB. MAINTAIN EXISTING LOOP DETECTOR.
CC. USE EXISTING HANDHOLE. CONNECT EXISTING LOOP WIRE TO NEW DETECTOR LEAD-IN CABLE.
DD. EXTEND EXISTING STOP-LINE USING 24" WHITE REMOVABLE PREFORMED PAVEMENT MARKING TAPE.
EE. DIRECT BURY PROBE LEAD-IN.



TRAFFIC CONTROL LEGEND

● CHANNELIZING DEVICE

WORK AREA

TSP-4

KCI TECHNOLOGIES
ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS
10 NORTH PARK DRIVE
HUNT VALLEY, MARYLAND
21030-1888
(410) 316-7800
REVISION 'E'

REVISIONS
(E) INTERSECTION RECONSTRUCTION (2/2002) WA1245176
JFL
D ADD LEAD LT FOR WB US 40 & RELOCATE SIGNAL HEADS
C 4-6-95 ADD NB MD 63 E/P LT
B NOVEMBER 1, 1990 INSTALL NEW LOOP DETECTORS FOR SB AND EB APPROACHES

APPROVALS
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY
ORIGINAL ON FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
US 40 AND MD 63
PHASE I CONSTRUCTION

DRAWN BY: B.T./J.G.
CHECKED BY: A.B.
SCALE: 1" = 20'
DATE: 2/07/77

F.A.P. NO. N/A
S.H.A. NO. W-657-501-685
COUNTY: WASHINGTON
LOG MILE: #21004014.54

TS NO. 1199E- PX4
T.I.M.S. NO. E486
SHEET NO. 67 OF 102

PLOTTED: "01:09 PM on Thursday, January 03, 2002"
BY: Rick Briggs Division: Transportation
FILE: m:\1998\0198175.J\drawings\gp30us40.dgn